

WHAT IS CLAIMED IS:

1. An image forming apparatus, comprising:
 - a movable image bearing member,
 - a movable intermediary transfer member,5 wherein an image on said image bearing member is transferred onto said intermediary transfer member by primary transfer and the image transferred onto said intermediary transfer member is transferred onto a transfer material by secondary transfer,
 - 10 discrimination means for discriminating a kind of the transfer material, and control means for controlling a moving speed ratio between said image bearing member and said intermediary transfer member on the basis of an output 15 of said discrimination means.
2. An apparatus according to Claim 1, wherein said discrimination means is external input means provided to said image forming apparatus.
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 3. An apparatus according to Claim 1, wherein said discrimination means is a light reflection type optical sensor.
- 25 4. An apparatus according to Claim 1, wherein said discrimination means is a light transmission type optical sensor.

5. An apparatus according to Claim 1, wherein
said primary transfer is performed plural times before
said secondary transfer, and said control means
5 independently controls said moving speed ratio.

6. An apparatus according to Claim 1, wherein
said image forming apparatus further comprises an
environmental sensor for detecting an ambient
10 environment of said image forming apparatus, said
control means controls said moving speed ratio on the
basis of an output of said environmental sensor.

7. An apparatus according to Claim 1, wherein
15 said image forming apparatus further comprises a
developing apparatus, and said control means controls
said moving speed ratio on the basis of a cumulative
operation time of said developing apparatus.

20 8. An image forming apparatus, comprising:
an image bearing member,
a movable intermediary transfer member,
wherein an image on said image bearing member is
transferred onto said intermediary transfer member by
25 primary transfer and the image transferred onto said
intermediary transfer member is transferred onto a
transfer material by secondary transfer,

discrimination means for discriminating a kind of the transfer material, and control means for controlling a condition of said primary transfer, irrespective of moving velocity
5 of said intermediary transfer member on the basis of an output of said discrimination means.

9. An apparatus according to Claim 8, wherein the condition of said primary transfer is an electric field created between said image bearing member and
10 said intermediary transfer member.

10. An apparatus according to Claim 8, wherein
said discrimination means is external input means
15 provided to said image forming apparatus.

11. An apparatus according to Claim 8, wherein
said discrimination means is a light reflection type
optical sensor.
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12. An apparatus according to Claim 8, wherein
said discrimination means is a light transmission type
optical sensor.

25 13. An apparatus according to Claim 8, wherein
said primary transfer is performed plural times before
said secondary transfer, and said control means

independently controls said moving speed ratio.

14. An apparatus according to Claim 8, wherein
said image forming apparatus further comprises an
5 environmental sensor for detecting an ambient
environment of said image forming apparatus, said
control means controls the condition of said primary
transfer on the basis of an output of said
environmental sensor.

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15. An apparatus according to Claim 8, wherein
said image forming apparatus further comprises a
developing apparatus, and said control means controls
the condition of said primary transfer on the basis of
15 a cumulative operation time of said developing
apparatus.

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